

WHAT IS CLAIMED IS:

1. An animal raising and lowering system
comprising:

an animal supporting platform;

5 a vertically movable structure mounted to said
platform to cause said platform to move to selected
vertical positions; and

a rail structure supported by said platform to
restrain an animal.

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2. The animal raising and lowering system according
to Claim 1, wherein said vertically movable structure
includes a scissors lift.

15 3. The animal raising and lowering system according
to Claim 2, wherein said vertically movable structure
includes at least one hydraulic cylinder to operate the
scissors lift and cause said platform to move between
the selected vertical positions.

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4. The animal raising and lowering system according
to Claim 3, wherein said vertically movable structure
includes an electrical motor and an associated control
system to control actuation of the at least one
25 hydraulic cylinder.

5. The animal raising and lowering system according to Claim 1, wherein said vertically movable structure is an electrically energized hydraulic power system.

5 6. The animal raising and lowering system according to Claim 1, wherein said rail structure includes a plurality of uprights and a plurality of horizontally disposed rails.

10 7. The animal raising and lowering system according to Claim 6, further comprising at least one adjustable intermediate rail to facilitate restraining different sized animals on said platform.

15 8. The animal raising and lowering system according to Claim 1, further comprising a shoeing plate to facilitate resting a leg of the animal thereon.

20 9. The animal raising and lowering system according to Claim 8, wherein said shoe plate includes a strap disposed thereon to restrain the leg of the animal.

25 10. The animal raising and lowering system according to Claim 8, wherein said shoe plate is height adjustable.

11. An animal raising and lowering system
comprising:

an animal supporting platform;

5 a scissors lift mounted to said platform to
cause said platform to move to selected vertical
positions;

an electrically energized hydraulic power
system to operate said scissors lift and cause said
platform to move to the selected vertical
10 positions; and

a rail structure supported by said platform to
restrain an animal.

12. The animal raising and lowering system
15 according to Claim 11, wherein said scissors lift is
housed in a pit.

13. The animal raising and lowering system
according to Claim 11, wherein said electrically
20 energized hydraulic power system includes at least one
hydraulic cylinder, an electrical motor, and an
associated electrical control system to control
actuation of the at least one hydraulic cylinder.

25 14. The animal raising and lowering system
according to Claim 11, wherein said rail structure
includes a plurality of uprights and a plurality of
horizontally disposed rails.

15. The animal raising and lowering system
according to Claim 14, further comprising at least one
adjustable intermediate rail to facilitate restraining
5 different sized animals on said platform.

16. The animal raising and lowering system
according to Claim 11, further comprising a shoeing
plate to facilitate resting a leg of the animal thereon.
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17. The animal raising and lowering system
according to Claim 16, wherein said shoe plate is height
adjustable.

18. An animal raising and lowering system
comprising:

a platform for supporting an animal and
movable between selected vertical positions;

5 a scissors lift mounted below and supporting
said platform, said scissors lift mounted in a pit;

an electrically energized hydraulic power
system to operate said scissors lift and cause said
platform to move to the selected vertical
10 positions;

a rail structure supported by said platform to
restrain the animal, said rail structure including
a plurality of uprights, a plurality of
horizontally disposed rails, and at least one
15 adjustable intermediate rail to facilitate
restraining different sized animals on said
platform; and

a shoeing plate to facilitate resting a leg of
the animal thereon, said shoe plate being height
20 adjustable.